

FORM PTO-1390  
(REV 07-2005)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTORNEY DOCKET NO.  
59643.00669

OCT 06 2006

TRANSMISSIONAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

DATE: October 6, 2006

U.S. APPLN. NO.  
(IF KNOWN, SEE 37 C.F.R. 1.5)  
10/567,851INTERNATIONAL APPLICATION NO.  
PCT/IB05/01971INTERNATIONAL FILING DATE  
14/June/2005PRIORITY DATE CLAIMED  
16/June/2004

## TITLE OF INVENTION: PACKET QUEUING SYSTEM AND METHOD

APPLICANT(S) FOR DO/EO/US: Jouni KYTOMAA; Janne K. PELTONEN

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.  
(THE BASIC FILING FEE IS ATTACHED)
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures [35 U.S.C. 371(f)]. The submission must include items (5), (6), (9) and (21) indicated below.
4.  The US has been elected (Article 31).
5.  A copy of the International Application as filed [35 U.S.C. 371(c)(2)]
  - a.  is transmitted herewith (required only if not transmitted by the International Bureau).
  - b.  has been transmitted by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed [35 U.S.C. 371(c)(2)]
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)]
  - a.  are transmitted herewith (required only if not transmitted by the International Bureau).
  - b.  have been transmitted by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)].
9.  An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)].
10.  An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)].

Items 11 - 20 below concern other document(s) or information included:

11.  An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
13.  A **FIRST** preliminary amendment.  
 A **SECOND** or **SUBSEQUENT** preliminary amendment.
14.  Application Data Sheet.
15.  A substitute specification.
16.  A change of power of attorney and/or address letter.
17.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18.  A second copy of the published international application under 35 U.S.C. 154(d)(4).
19.  A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20.  Other items or information: CHECK NO. 15161; Petition for Extension of Time (Check No. 15163); Notification of Missing Requirements.

U.S. APPLN. NO. (IF KNOWN, SEE 37 C.F.R. 1.50) 10/567,851 06 2006		INTERNATIONAL APPLICATION NO. PCT/IB05/01971		ATTORNEY DOCKET NO. 59643.00669	
				DATE: October 6, 2006	
The following fees have been submitted				CALCULATIONS PTO USE ONLY	
21. <input type="checkbox"/> Basic National Fee (37 CFR 1.492(a)).....\$300.00				\$	
22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c)) • If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1) - (4).....\$0.00 • All other situations.....\$200.00				\$	
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) • If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0.00 • Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the United States Patent & Trademark Office as an International Search Authority.....\$100.00 • International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....\$400.00 • All other situations.....\$500.00				\$	
<b>TOTAL OF 21, 22 and 23 =</b>				\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date [37 C.F.R. 1.492(e)].				\$ 130.00	
Claims		Number Filed	Number Extra	Rate	
Total Claims		- 20 =		X \$ 50.00	\$
Independent Claims		- 3 =		X \$ 200.00	\$
Multiple dependent claim(s) (if applicable)				+ \$360.00	\$
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		X \$250.00	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	
Reduction by one-half for filing by small entity, if applicable. <b>Applicant claims small entity status.</b> See 37 CFR 1.27.				\$	
<b>SUBTOTAL =</b>				\$ 130.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date [37 C.F.R. 1.492(f)]. +				\$	
<b>TOTAL NATIONAL FEE =</b>				\$ 130.00	
Fee for recording the enclosed assignment [37 C.F.R. 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property +				\$ 40.00	
<b>TOTAL FEES ENCLOSED =</b>				\$ 170.00	
10/13/2006 LLANDGRA 00000013 10567851		Amount to be refunded		\$	
01 FC.1617 130.00 OP		Charged		\$	

U.S. APPLN. NO. (IF KNOWN, SEE 37 C.F.R. 1.50) 10/567,851	INTERNATIONAL APPLICATION NO. PCT/IB/05/01971	ATTORNEY DOCKET NO. 59643.00669
DATE: October 6, 2006		

- a.  A check in the amount of \$170.00 to cover the above fees is enclosed.
- b.  Please charge Counsel's Deposit Account No. 50-2222 in the amount of \$\_\_\_\_ to cover the above fee.  
A duplicate copy of this sheet is enclosed.
- c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Counsel's Deposit Account No. 50-2222.

NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive [37 C.F.R. 1.137(a) or (b)] must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

**Customer Number 32294**  
**SQUIRE, SANDERS & DEMPSEY LLP**  
**8000 Towers Crescent Drive**  
**14<sup>th</sup> Floor**  
**Tysons Corner, Virginia 22182-2700**  
**Telephone: 703-720-7800**  
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**Douglas H. Goldhush**  
 Reg. No. 33,125



UNITED STATES PATENT AND TRADEMARK OFFICE

**URGENT**

29 DTK/HP  
 UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/567,851	Youni Kyomaa	5964300669
OCT 06 2006 USPTO PATENT & TRADEMARK OFFICE		INTERNATIONAL APPLICATION NO.
		PCT/IB05/01971
I.A. FILING DATE		PRIORITY DATE
06/14/2005		06/16/2004
<b>CONFIRMATION NO. 7339</b>		
<b>371 FORMALITIES LETTER</b>		
*OC00000019331048*		

Date Mailed: 06/20/2006

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 02/10/2006
- Copy of the International Search Report filed on 02/10/2006
- Preliminary Amendments filed on 02/10/2006
- Information Disclosure Statements filed on 02/10/2006
- Request for Immediate Examination filed on 02/10/2006
- U.S. Basic National Fees filed on 02/10/2006
- Priority Documents filed on 02/10/2006

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5).

*A copy of this notice **MUST** be returned with the response.*

ANITA D JOHNSON

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Telephone: (703) 308-9140 EXT 226

**PART 1 - ATTORNEY/APPLICANT COPY**

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U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/567,851	PCT/IB05/01971	5964300669

FORM PCT/DO/EO/905 (371 Formalities Notice)